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| Substitute for fo | orm 1449A/B/PTO | | | Application Number | 10/601,788 |
| | | DICC | N OCUPE | Filing Date | June 23, 2003 |
| | ORMATION | | | First Named Inventor | Van Thillo |
| STA | TEMENT B | Y AP | PLICANT | Group Art Unit | 1752 |
| | (Use as many shee | ets as nac | cessary) | Examiner Name | Schilling, R. |
| Sheet | 1 | of | 1 | Attorney Docket Number | 223302 |

| | | | | U.S. PATENT DOCUMENTS | | |
|----------------------|-------------|---------------------------------|-------------|-------------------------------|------------------------|-------------------------------|
| | | U.S. Patent Do | cument | | 1 | |
| Examiner Initials | Doc. No. | Application or Patent Number | Kind Code | Name of Patentee or Applicant | Date of Publication | Filing Date If Appropriate |
| 17 | AA | 2,053,822 | i i | Graenacher et al. | Sep. 8, 1936 | |
| M | AB | 3,667,957 | | Willems et al. | June 6, 1972 | |
| 12 | AC | 3,910,791 | | von König et al. | Oct. 7, 1975 | |
| | ΑD | 4,639,408 | | Kitaguchi et al. on 892 | Jan. 27, 1987 | |
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| Foreign Patent Document | | | | nt | | | Translation | |
|-------------------------|-------------|--------|---------------------------------|--------------|-------------------------------|---------------------|-------------|------|
| Examiner Initials | Doc. No. | Office | Application or Patent Number | Kind Code | Name of Patentee or Applicant | Date of Publication | Yes | No** |
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| :: | OTHER - NON PATENT LITERATURE DOCUMENTS Translation Translation | | | | | | | |
|-------------------|---|--|--|---------|--|--|--|--|
| | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item | | | | | | |
| Examiner Initials | Doc. No. | (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volunte-issue number (s), publication (s), public | | No** | | | | |
| - 1 | ΑE | Szulc, Henryk; "Alkylarenesulfonate Surfactants," Chemical Abstracts Service, Acc No. 58:54318 | | | | | | |
| 1 | ΑF | Search Report for EP 03 10 1661 (October 27, 2003) | | | | | | |
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| Examiner Signature | R Schilling | Date Considered | |
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A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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| INFO | PRMATION | DISC | LOSURE | ı | First Named Inventor | Van Thillo | |
| STA | TEMENT B' | Y AP | PLICANT | ı | Group Art Unit | 1752 | |
| | (Use as many shee | te se noc | resear) | ı | Examiner Name | Schilling, R. | |
| Sheet | 1 | of | 1 | | Attorney Docket Number | 223302 | |

| | | | | U.S. PATENT DOCUMENTS | | |
|-------------------|-------------|---------------------------------|--------------|-------------------------------|------------------------|-------------------------------|
| | | U.S. Patent Do | cument | | | Filing Data If |
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| | AA | 2:053,822 | | Graenacher et al. | Sep. 8, 1936 | |
| | AB | -3,667,957 | | Willems et al. | June 6, 1972 | |
| | AC | 3,910,791 | | von König et al. | Oct. 7, 1975 | |
| <u> </u> | AD | 4,639,408 | | Kitaguchi et al. | Jan. 27, 1987 | |
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| | | | FOREIGN | PATENT DOCUMENTS | | | |
|-------------|--------|---------------------------------|--|---------------------------------|---|--|---|
| | Fo | reign Patent Docume | nt | | | Translation | |
| Doc. No. | Office | Application or Patent Number | Kind Code | Name of Patentee or Applicant | Date of Publication | Yes | No** |
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| | | Doc. Office | Doc. Office Application or | Doc. Office Application or Kind | Doc. Office Application or Kind Name of Patentee or Applicant | Foreign Patent Document Doc. Office Application or Kind Name of Patentee or Applicant Date of Publication | Doc. Office Application or Kind Name of Patentee or Applicant Date of Publication Yes |

| | | OTHER - NON PATENT LITERATURE DOCUMENTS | | lation | |
|----------------------------|----|--|---|----------|--|
| | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item | | | |
| Examiner Doc. Initials No. | | (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published. | | | |
| | AE | Szulc, Henryk, "Alkylarenesulfonate Surfactants," Chemical Abstracts Service, Acc No58:54318 | | | |
| | AF | Search Report for EP 03 10 1661 (October 27, 2003) | _ | | |
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